

Amended claims

(Received by the International Bureau on Oct. 18 2004, with original claims 1-15 replaced by new claims 1-14 (3 pp.))

Claims

1. Method for immediate delivery of e-mails to a telecommunication device of a recipient via at least one telecommunication network, wherein the e-mails are transmitted from a sender via an e-mail server to the recipient,

characterized in

that the e-mails are delivered to the telecommunication terminal of the recipient via conventional MMS or WAP push systems, in that the e-mails are forwarded from the e-mail server to a specially configured push mail server based on the e-mail address of the recipient, from where they are delivered to the telecommunication terminal based on a telephone number, which is included in the e-mail or determined from a database, via conventional MMS or WAP push systems.

2. Method according to claim 1, characterized in that a subscriber account is established for each subscriber on the push mail server, the subscriber account including at least the telephone number of at least one telecommunication terminal and the original e-mail address of the recipient.

3. Method according to one of the preceding claims, characterized in that forwarding of the e-mail from the e-mail server to the push mail server is controlled by a device and by applying forwarding rules.
4. Method according to one of the preceding claims, characterized in that the push mail server determines the telephone number of the telecommunication terminal of the recipient from the employed push mail address.
5. Method according to one of the preceding claims, characterized in that the push mail server is connected to the MMS or WAP push systems of the employed telecommunication network.
6. Method according to one of the preceding claims, characterized in that the function of the push mail server is integrated directly in the existing e-mail server.
7. Method according to one of the preceding claims, characterized in that the push mail server encapsulates the e-mail in a suitable content type, so that the e-mail can be transmitted via MMS or WAP push format.
8. Method according to one of the preceding claims, characterized in that "message/rfc822" is employed as the content type.
9. Method according to one of the preceding claims, characterized in that the push mail server includes a billing mechanism, which is used to produce toll tickets for the billing system of

telecommunication network operators or other service providers.

10. Method according to one of the preceding claims, characterized in that a conventional WAP client or MMS client, which detects and processes encapsulated e-mails, is installed in the telecommunication terminal.

11. Method according to one of the preceding claims, characterized in that, if message units encapsulated with the special content type are detected, the e-mail contained therein is extracted and transmitted to the e-mail client of the telecommunication terminal.

12. Device for immediate delivery of e-mails to a telecommunication device of a recipient via at least one telecommunication network, with an e-mail server for transmitting the e-mails from a sender to the recipient,

characterized by

a telecommunication network comprising MMS or WAP push systems, and

a push server connected with the e-mail server for immediate delivery of the e-mails received by the e-mail server to the communication terminal of the recipient.

13. Device according to claim 12, characterized in that the telecommunication terminal is a mobile telecommunication terminal.

14. Device according to claim 12, characterized in that the telecommunication terminal is a landline telecommunication terminal.